

Listing of Claims

1. (Currently Amended) A language processing device comprising:

a processing and memory module (i) which is physically attachable to and detachable from mobile electronic device an appliance, (ii) which wherein said processing and memory module is configured to communicate directly with the mobile electronic device appliance when so attached without the use of a network which extends outside the mobile electronic device appliance, wherein said processing and memory module is configured with a plurality of discrete memory locations comprising each of:

a settings memory containing data representing operational parameters including each of:

a language setting comprising one or more language selected by the user of said language processing device; and

an input mode setting comprising one or more input mode selected by the user of said language processing device; and

an input buffer containing data representing key strokes used in specifying a message unit;

a candidate buffer configured for storing candidate interpretations of user input gestures;

a word buffer configured for storing message units specified by said user;

a component buffer configured for storing data components of message units;

an input interpretation database containing input gesture data; and

a font store containing data representing properly represented characters;

and wherein said processing and memory module (iii) which is configured to
perform language-specific tasks at the request of the appliance by:

receiving an instruction for language-specific processing from the appliance in
the form of an application program interface (API) call, wherein said API call references
said plurality of discrete memory locations; and

sending resulting data of the language-specific processing to the appliance.

2. (Currently Amended) The language processing device ~~and memory module~~ of Claim 1 wherein the language processing and memory module is configured to perform language-specific tasks according to a subject language at the requests of the mobile electronic device ~~appliance~~ by also:

receiving data representing a character in the subject language; and

sending data specifying a graphical representation of the character to the mobile electronic device ~~appliance~~.

3. (Currently Amended) The language processing device and ~~memory module~~ of Claim 1 wherein the language processing and memory module is configured to perform language-specific tasks according to a subject language at the request of the mobile electronic device ~~appliance~~ by also:

receiving data representing a user input gesture; and

sending data representing one or more language units of the subject language in accordance with the user input gesture.

4. (Currently Amended) The language processing device and ~~memory module~~ of Claim 3 wherein the language units are characters.

5. (Currently Amended) The language processing device and ~~memory module~~ of Claim 3 wherein the language units are words.

6. (Currently Amended) The language processing device and ~~memory module~~ of Claim 3 wherein the language units are phrases.

7. (Currently Amended) The language processing device and ~~memory module~~ of Claim 3 wherein sending comprises:

selecting the one or more language units according to one or more preceding language units which were previously specified by the user.

8. (Currently Amended) The language processing device ~~and memory module~~ of Claim 7 wherein selecting comprises:

determining word-continuation relationships between the preceding language units and the one or more language units.

9. (Currently Amended) The language processing device ~~and memory module~~ of Claim 7 wherein selecting comprises:

determining name-continuation relationships between the preceding language units and the one or more language units.

10. (Currently Amended) The language processing device ~~and memory module~~ of Claim 3 wherein the language processing and memory module is configured to perform language-specific tasks according to the subject language at the request of the mobile electronic device ~~appliance~~ by also:

sending data representing one or more language unit components which are of the subject language and which correspond to the user input gesture.